

FILM RUNNING ROLLER

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Abstract of JP2152858

PURPOSE: To prevent a fine scratch on a film surface from occurring in absorbing any dust sticking to a surface-treated plastic film by covering the surface of a metal roll with a knitting seamless cover made up of fibriform yarn. CONSTITUTION: A roll covered with a knitting seamless cover is used as a roll immediately after heat treatment at a surface treatment unit for a plastic film, whereby any film slip is kept back on the roll owing to proper cushionability of knitting cloth and roughness of a contact surface, and yarn's flexibility and a clearance of stitches absorb dust so well, so that any scratch to be produced on the roll due to the slip at time of film running and the dust is fully preventable. Thickness of the yarn used for the seamless cover is desirable to be a range of 0.1-0.3mmphi, and it is also desirable to be such a plain stitch fabric as excellent in flatness and, what is more, thickness of each mesh is desirable to be 5-70 gauges.

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